

CLAIMS

1. Process for displaying audiovisual transmissions in a digital television receiver, the said transmissions being broadcast from a broadcasting center, the receiver being furnished with a means for displaying the transmissions, wherein it comprises:
- a step of receiving audiovisual transmissions and at least one service information item, which are broadcast by the broadcasting center,
  - a first step of displaying an audiovisual transmission received,
  - a step of reading an audiovisual transmission recorded,
  - a second step of displaying the said audiovisual transmission read while replacing at least part of the said audiovisual transmission received, the second step being triggered at a moment defined by the service information item.
2. Process for displaying audiovisual transmissions according to Claim 1, wherein it comprises a step of recording in a nonvolatile storage means at least one transmission broadcast prior to the second displaying step, the said transmission possessing a characteristic in common with the transmission or transmission part replaced in the second displaying step.
3. Process for displaying audiovisual transmissions according to Claim 2, wherein the recording of the transmissions is conditioned by the result of a comparison between a criterion written in the memory of the receiver and a data item broadcast in a service information item characterizing the transmission to be recorded.
4. Process for displaying audiovisual transmissions according to Claim 3, wherein the recorded transmissions are identified by a topic, the written criterion corresponds to a user profile, and that the condition of

recording of the said transmissions is the correspondence between this topic and the written data.

5. Process for displaying audiovisual transmissions according to Claim 4, wherein it comprises a prior step of selecting a user profile from among a plurality of specified profiles.

6. Process for displaying audiovisual transmissions according to Claim 2, wherein it comprises a third step consisting in recording in a temporary memory of the receiver the non-recordable transmission broadcast immediately after a recordable transmission and in displaying the content of this memory, the displaying and the broadcasting of the transmission being shifted by a certain time.

7. Process for displaying audiovisual transmissions according to Claim 6, wherein a new second displaying step commences when the content of the temporary memory has been completely displayed.

8. Process for displaying audiovisual transmissions according to Claim 2, wherein it comprises a prior step of recording a minimum specified quantity of recordable broadcast transmissions, before the execution of the second step.

9. Process for displaying audiovisual transmissions according to Claim 2, wherein new recordings are prohibited as long as none of the current recordings has been read, the reading of a recording giving rise to its erasure from the nonvolatile storage means.

10. Receiver of digital audiovisual transmissions comprising a means of receiving transmissions transmitted from a broadcasting center, a memory containing at least one audiovisual transmission and a means of displaying the transmissions, wherein the transmissions broadcast by the center are of two types, the type of the transmissions being identified by a characteristic contained in a service information item transmitted by the broadcasting center, and in that the decoder

furthermore comprises a first means of detecting the change of type of the transmissions received by the reception means, a means of selecting the transmissions so as to display either transmissions of a first type  
5 currently being broadcast or transmissions recorded in the memory, the selecting means is controlled by the detecting means in such a way that the broadcasting of a transmission of a second type causes the displaying of a recorded transmission.

10 11. Receiver of digital audiovisual transmissions according to Claim 10 furnished with a means of recording in the memory at least one broadcast audiovisual transmission, wherein the first detecting means authorizes the activation of the means of recording a  
15 transmission of the second type upon the detection of the broadcasting of the said transmission of the second type, and in that the selecting means allows the displaying of the said transmission of second type previously recorded.

20 12. Receiver of digital audiovisual transmissions according to Claim 10, wherein it furthermore comprises a temporary storage memory for recording transmissions of the first type broadcast by the center, and a second means of detecting the end of the displaying of a recorded transmission, the first detecting means  
25 detecting the reception of a transmission of the first type activates the second means and causes the recording in temporary storage memory of the said transmission of the first type, the second detecting means detecting the end of the displaying of a recorded transmission causes  
30 the displaying of the content of the temporary storage memory.

35 13. Receiver of digital audiovisual transmissions according to Claim 11, wherein it comprises a means of selecting the transmissions of the second type broadcast according to criteria stored in the receiver, only the selected transmissions are recorded in the memory.

14. Receiver of digital audiovisual transmissions according to Claim 13, wherein the memory of the receiver contains profile data entered by at least one user, the transmissions of the second type comprise topic  
5 identification data for the transmission and in that the filter comprises a comparator between the profile data and the topic identification of the transmission, the transmission of the second type being recorded if the topic data item of the transmission corresponds to the  
10 profile data.

15. Receiver of audiovisual transmissions according to Claim 11, wherein the transmissions of the second type are broadcast on a different communication channel from that of the transmissions of the first type and in that  
15 the receiver possesses a second reception means for receiving transmissions from the communication channel broadcasting transmissions of the second type.

16. Receiver of audiovisual transmissions according to claim 10, wherein it comprises a memory capable of  
20 previously recording a block of audiovisual transmissions, and a means of reading this block, upon display, the reception means is replaced by the reading means.